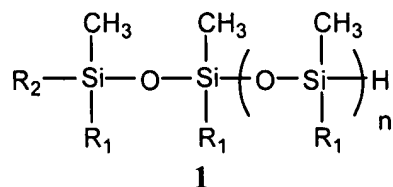


## CLAIM AMENDMENTS

1. (Original) A process for preparing an  $\alpha$ ,  $\omega$ -functional siloxane compound in a purity of greater than or equal to 90%, said process comprising contacting a monohydrosiloxane compound of formula 1

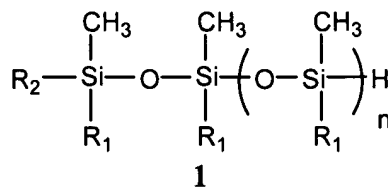


with oxygen in the presence of a platinum group catalyst, without adding water, to form the  $\alpha$ ,  $\omega$ -functional siloxane compound in a purity of greater than or equal to 90%; wherein n is 0, 1, or 2;

$\text{R}_1$  is fluoroethyl, methyl or phenyl; and

$\text{R}_2$  is substituted alkyl, epoxyalkyl, oxetanylalkyl, substituted oxaalkyl, epoxyoxaalkyl, oxetanyloxaalkyl, alkenyl, alkylalkoxysilyl, substituted alkylaryl, and substituted arylalkyl.

2. (Original) A process for preparing an  $\alpha$ ,  $\omega$ -functional siloxane compound in a purity of greater than or equal to 90%, said process consisting essentially of contacting a monohydrosiloxane compound of formula 1

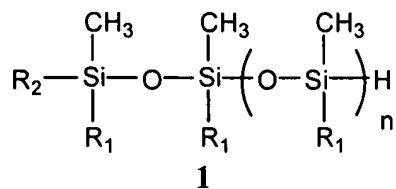


with oxygen in the presence of a platinum group catalyst, without adding water, to form the  $\alpha$ ,  $\omega$ -functional siloxane compound in a purity of greater than or equal to 90%; wherein n is 0, 1, or 2;

$R_1$  is fluoroethyl, methyl or phenyl; and

$R_2$  is substituted alkyl, epoxyalkyl, oxetanylalkyl, substituted oxaalkyl, epoxyoxaalkyl, oxetanyloxaalkyl, alkenyl, alkylalkoxysilyl, substituted alkylaryl, and substituted arylalkyl.

3. (Original) A process for preparing an  $\alpha$ ,  $\omega$ -functional siloxane compound in a purity of greater than or equal to 90%, said process consisting of contacting a monohydrosiloxane compound of formula 1



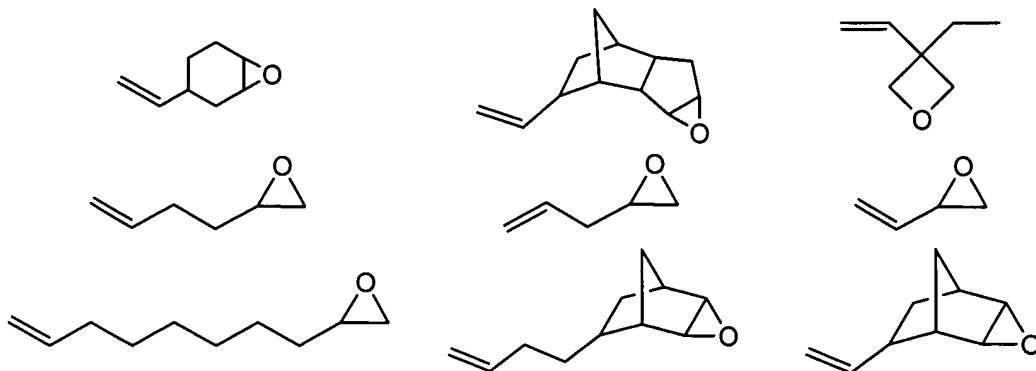
with oxygen in the presence of a platinum group catalyst, without adding water, to form the  $\alpha$ ,  $\omega$ -functional siloxane compound in a purity of greater than or equal to 90%;

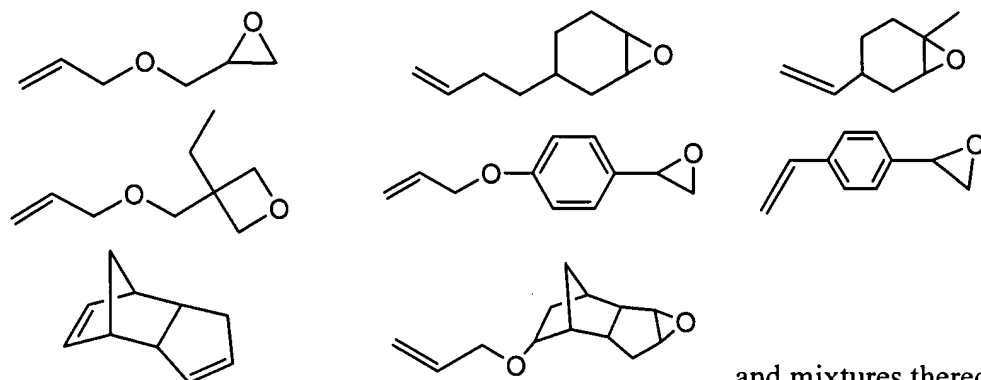
wherein n is 0, 1, or 2;

$R_1$  is fluoroethyl, methyl or phenyl; and

$R_2$  is substituted alkyl, epoxyalkyl, oxetanylalkyl, substituted oxaalkyl, epoxyoxaalkyl, oxetanyloxaalkyl, alkenyl, alkylalkoxysilyl, substituted alkylaryl, and substituted arylalkyl.

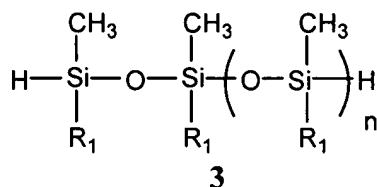
4. (Original) A process according to claim 1, wherein  $R_2$  is a residue derived from a vinyl or allyl compound selected from





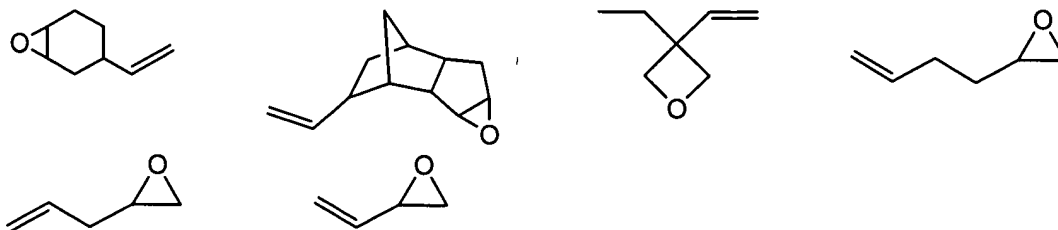
and mixtures thereof.

5. (Original) A process according to claim 1, wherein the monohydrosiloxane compound is formed by combining the platinum group catalyst, a vinyl or allyl precursor for R<sub>2</sub> and a dihydrosiloxane compound of formula 3, having a purity of greater than or equal to 90%



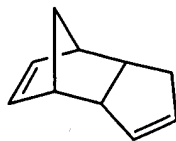
wherein R<sub>1</sub> is fluoroethyl, methyl or phenyl.

6. (Original) A process according to claim 1, wherein the dihydrosiloxane compound and the vinyl or allyl compound are present in a 1:1 ratio on a molar basis.
7. (Currently Amended) A process according to ~~any of the above claims~~ claim 1, wherein R<sub>2</sub> is derivable from a vinyl or allyl compound selected from the group consisting of

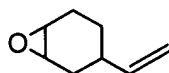


and mixtures thereof.

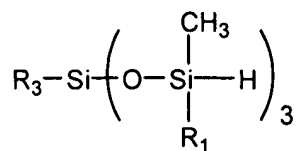
8. (Currently Amended) A process according to ~~any of claims~~ claim 1 [[-4]], wherein the vinyl compound is



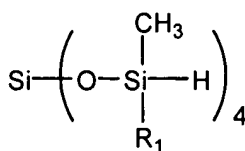
9. (Currently Amended) A process according to ~~any of claims~~ claim 1 [[-4]], additionally comprising epoxidizing the  $\alpha$ ,  $\omega$ -functional siloxane to form an  $\alpha$ ,  $\omega$ -epoxysiloxane.
10. (Currently Amended) A process according to ~~any of claims~~ claim 1 [[-4]], wherein R<sub>2</sub> is derived from



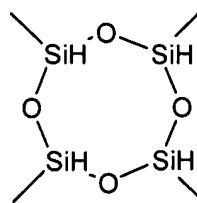
11. (Currently Amended) A process according to ~~any of the above claims~~ claim 1, wherein R<sup>1</sup> is methyl.
12. (Currently Amended) A process according to ~~any of the above claims~~ claim 1, wherein n is 0.
13. (Currently Amended) A process according to ~~any of claims~~ claim 1 [[-4]], wherein n is 1.
14. (Currently Amended) A process according to ~~any of claims~~ claim 1 [[-4]], wherein n is 2.
15. (Currently Amended) A process according to ~~any of claims~~ claim 1 [[-4]], wherein the platinum group catalyst is a rhodium compound.
16. (Currently Amended) A process according to ~~any of claims~~ claim 1 [[-12]], wherein the metal catalyst is (Ph<sub>3</sub>P)<sub>3</sub>RhCl.
17. (Original) A process for preparing a cationically photopolymerizable siloxane oligomer, said process comprising
- combining a platinum group catalyst, a hydrosiloxane compound selected from



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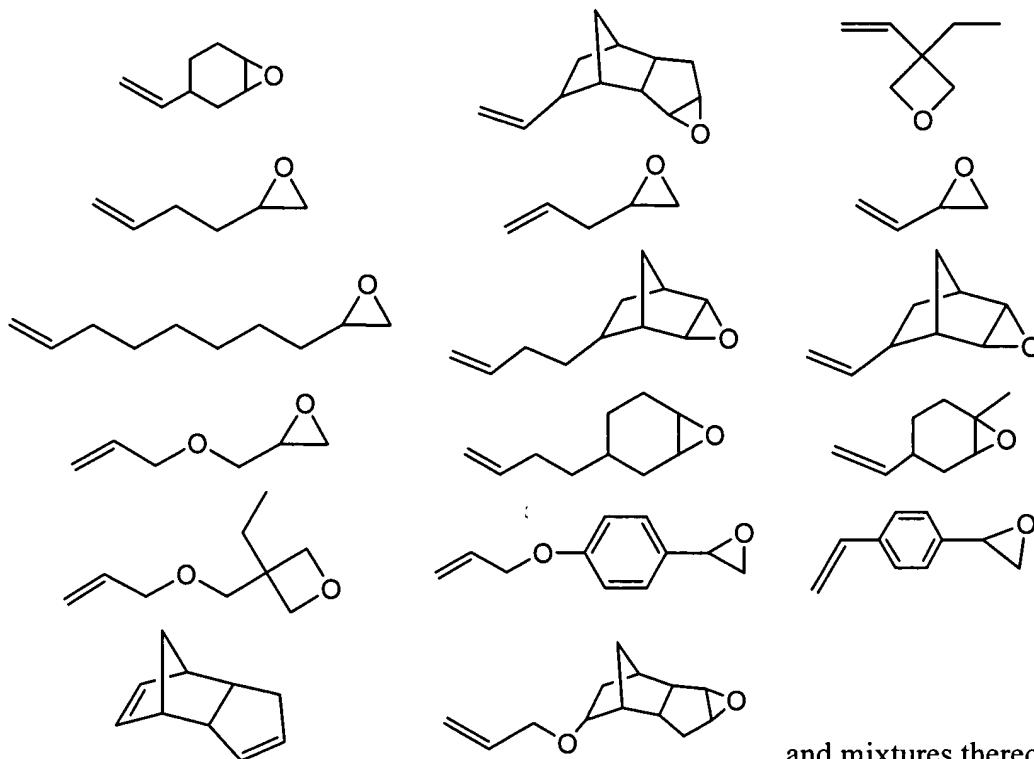
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and a vinyl or allyl compound comprising cationically photopolymerizable functionality; and

- b. contacting the product with oxygen in the presence of the catalyst to form the cationically photopolymerizable multifunctional siloxane oligomer;

wherein  $\text{R}_1$  and  $\text{R}_3$  are independently fluoroethyl, methyl or phenyl.

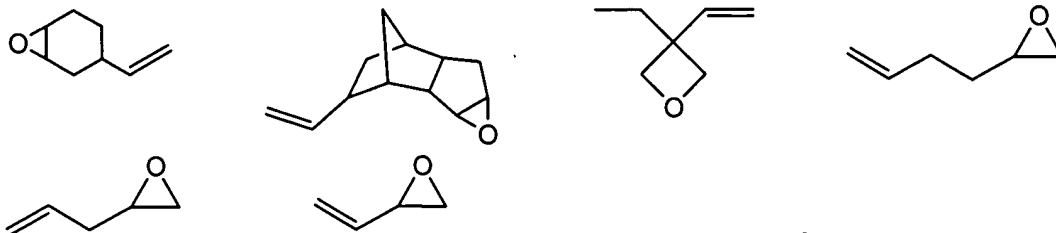
18. (Original) A process according to claim 15, wherein the vinyl or allyl compound is selected from



and mixtures thereof.

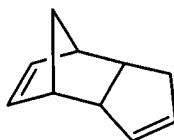
19. (Original) A process according to claim 15, wherein the vinyl or allyl compound is

selected from the group consisting of



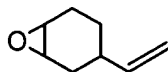
and mixtures thereof.

20. (Original) A process according to claim 15, wherein the vinyl compound is



21. (Original) A process according to claim 18, additionally comprising epoxidizing the  $\alpha$ ,  $\omega$ -functional siloxane to form an  $\alpha$ ,  $\omega$ -epoxysiloxane.

22. (Original) A process according to claim 15, wherein the vinyl or allyl compound is



23. (Currently Amended) A process according to ~~any of claims~~ claim 15[[-17]], wherein  $R^1$  and  $R_3$  are methyl.
24. (Currently Amended) A process according to ~~any of claims~~ claim 15[[-17]], wherein the platinum group catalyst is a rhodium compound.
25. (Currently Amended) A process according to ~~any of claims~~ claim 15[[-21]], wherein the metal catalyst is  $(Ph_3P)_3RhCl$ .